WARNING

BEFORE USING THIS FIREARM READ AND FOLLOW THESE INSTRUCTIONS

CALICO® M-900 / M-950

9mm. Carbine - Pistol

SAFETY AND INSTRUCTION MANUAL

THIS MANUAL SHOULD ALWAYS ACCOMPANY THIS FIREARM AND BE TRANSFERRED WITH IT UPON CHANGE OF OWNERSHIP

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NOTICE - DISCLAIMER OF LIABILITY

CALICO shall not be responsible for injury, death, or damage to property resulting from either intentional or accidental discharge of this firearm, or from its function when used for purposes or subjected to treatment for which it was not designed. CALICO will not honor claims involving this firearm which result from careless or improper handling, unauthorized adjustment or parts replacement, corrosion, neglect, or the use of wrong caliber ammunition, or the use of ammunition other than original high quality commercially manufactured ammunition in good condition, or any combination thereof. CALICO will not honor claims involving this firearm for any reason or cause when such claims are made by the second or subsequent owner.

WARNING: If this firearm is carelessly or improperly handled, unintentional discharge could result and cause injury, death, or damage to property.

CAUTION: Carefully read this instruction manual, which gives basic advice on the proper handling and functioning of this CALICO firearm, prior to loading and firing. Your safety and the safety of others (including your family) depends on your compliance with that advice, and your adoption of safe practices. If you are unfamiliar with firearms seek advice from your local gun clubs, the National Rifle Association, or similar qualified organizations.

Congratulations on your purchase of a quality CALICO firearm. In acquiring your new CALICO, you have chosen a firearm ahead of all the others in innovative design. To get the most out of your CALICO, please read this manual from cover to cover before handling and operating your firearm.

WARNING: It is dangerous to alter or modify this firearm in any way. Any alteration or modification of the firing mechanism may result in this firearm becoming unsafe. Any attempt to alter or modify this firearm is illegal and will nullify all warranties and will be subject to immediate notification of appropriate federal law enforcement agencies.

IMPORTANT:

Before it left the factory this firearm was tested, carefully inspected, and packaged. CALICO cannot control product handling after it leaves the factory; therefore, please examine this firearm carefully at the time of purchase to insure that it is unloaded and undamaged. The dealer will be pleased to assist you in making this examination and endeavor to answer your further questions. This instruction manual should always accompany this firearm and be transferred with it upon change of ownership.

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I. SAFETY

We want you to enjoy shooting your CALICO M-900 Carbine and M-950 Pistol, and we want you to enjoy it safely. You may be an experienced safe shooter already familiar with the procedures in this instruction manual, or you may never have handled a firearm before. Either way, we urge you to READ THIS ENTIRE INSTRUCTION MANUAL CAREFULLY. YOU MUST FOLLOW THE SAFETY INSTRUCTIONS FOR YOUR SAFETY AND SAFETY OF OTHERS.

WARNING: When you SQUEEZE the trigger, you must expect the gun to fire, and you must take full responsibility for firing it. Your care can avoid accidental discharge and you will thereby avoid accidental injury or death.

1 - GENERAL FIREARMS CAUTIONS

1. Always handle your firearm as if it were loaded so that you never fire it accidentally when you think it is unloaded.

2. Never point your firearm at anything you do not intend to shoot so that if you fire accidentally, injury, death, or damage to property will be prevented.

3. Never take anyone's word that a firearm is unloaded: check for yourself, with fingers off the trigger and barrel pointed in a safe direction, so that you never fire the gun accidentally when you think it is unloaded.

4. Always make sure your firearm is not loaded and the bolt is latched open before laying it down, or handing it to another person, so that it cannot be fired when it is unsafe to do so.

5. Always keep and carry your firearm empty and uncocked except when you intend to shoot, so that it cannot be fired when you do not mean to fire it.

6. Always be aware of possible risk from dropping your firearm. Some parts of the mechanism could be damaged. You may not see the damage but if it is severe, the firearm may discharge and cause injury, death or damage to property. If your firearm has been dropped, examine it completely before using it again.

7. Never leave your firearm cocked ready to fire as this condition is extremely dangerous, and the carbine could easily be accidentally discharged, causing injury, death, or damage to property.

8. Never leave a loaded firearm unattended; someone, especially a child, may fire it and cause injury, death, or damage to property.

9. Always instruct children to respect firearms. If you teach your children to shoot, teach them or have them trained by a qualified instructor to treat and use the firearm properly, and always supervise them closely. Always stress safety so that your children will not fire when it is unsafe to do so.

2 - RANGE CAUTIONS

10. Always be sure your backstop is adequate to stop and contain bullets before beginning target practice so that you do not hit anything outside the range shooting area.

11. Always put a knowledgeable and responsible person in charge to maintain safety control when a group is firing on a range. Obey his commands so that discipline is maintained to reduce the likelihood of accidents.

12. Always carry your firearm empty with bolt latched open while on a range until preparing to fire. Keep it pointing towards the backstop when loading, firing and unloading, to eliminate the risk of injury, death, or damage to property.

10.

3 - LOADING CAUTIONS

13. Always be sure the barrel bore, chamber and action are clean and clear of obstructions. Clean a fouled firearm immediately so that it will function correctly and safely.

14. Use only clean, dry, original high quality commercially manufactured ammunition in good condition which is appropriate to the caliber of your firearm. Gun and ammunition manufacturers design their products within exacting engineering safety limits. Hoewever, improperly stored, dirty ammunition and hand reloaded ammunition may not function properly in this firearm, possibly, causing subsequent injury, death, or property damage.

4 - SHOOTING CAUTIONS

15. Never drink alcoholic beverages or take drugs before or during shooting, as your vision and judgement could be seriously impaired making your gun handling unsafe.

16. Always seek a doctor's advice if you are taking medication, to be sure you are fit to shoot and handle your firearm safely.

17. Always wear and encourage others near you to wear ear protection when shooting, especially on a range. Without protection, the noise from your firearm and others close to you, could leave a 'ringing' in the ears for some time after firing, while the cumulative long term effect could be permanent hearing loss.

18. Always wear and encourage others to wear protective shooting glasses. Flying particles could damage eyes and cause blindness; protective shooting glasses should prevent such injury.

19. Always keep the safety on when the firearm is loaded and cocked until you are ready to fire. This will minimize risk of an accidental discharge.

20. Always keep clear of the ejection port. Spent cartridges may be ejected with enough force to cause injury, and the ejection port must not be obstructed by your hand to insure safe ejection of live rounds and prevent jamming of spent cartridges. Never place fingers in ejection port; they could be burned by hot metal or injured by the bolt moving forward.

21. Never squeeze the trigger or put your finger in the trigger guard until you are aiming at a target and ready to shoot. This will prevent you from firing in an unsafe direction.

22. Always be absolutely sure of your target and the area behind it before you squeeze the trigger. A bullet could travel through or past your target....if in doubt, don't shoot.

23. Never shoot at a hard surface such as a rock, or a liquid surface such as water. A bullet may ricochet and travel in any direction, possibly causing injury, death, or damage to property.

24. Never shoot near an animal unless it is trained to accept noise; an animal's startled reaction could injure it or cause an accident.

25. Never indulge in 'horseplay' while holding your firearm, as it may be accidentally discharged.

26. Never walk, climb or follow a companion with your firearm cocked ready to fire, or with the striker in any position other than forward on an empty chamber, to eliminate risk of accidental discharge. Always hold your firearm so that you can control the direction of the muzzle.

5 - MALFUNCTION CAUTIONS

27. Failure to fire: Always hold the firearm pointed towards the target or a safe open area and wait 30 seconds if it fails to fire. If hangfire (slow ignition) has occurred, the round will fire within 30 seconds. If it does not fire, remove the magazine, eject the round and examine the primer; if the firing pin indent on the primer is light, off center, or non-existent, have the firearm examined by a competent gunsmith. If the firing pin indent on primer appears normal (in comparison with similar previously fired rounds) assume faulty ammuniton; segregate misfired rounds from other live ammunition and empty cases, reload and ~~carry on~~ firing.

28. Never use your firearm if it fails to function properly, and never force a jammed action, as a round may explode causing serious injury, or severe damage to your firearm.

6 - CLEANING AND STORAGE CAUTIONS

29. Always make sure your firearm is not loaded before cleaning and storing so that it cannot be fired when it is unsafe to do so.

30. Always keep and store your firearm and ammunition in separate locked receptacles out of reach and sight of children and untrained people, to minimize the risk of both being easily available for loading and firing.

7 - GUN ABUSE CAUTIONS

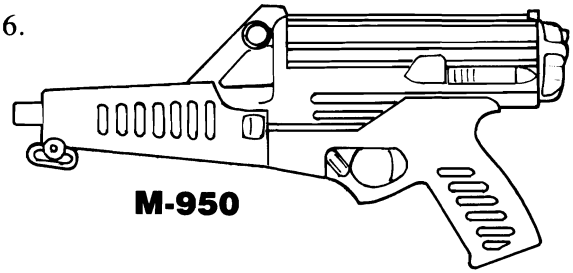
31. Never abuse your firearm by using it for any purpose that is unlawful, unsafe, or inappropriate.

32. Never alter any part of this firearm as the level of safety could be reduced and it may be illegal.
Note: Please note that we have chosen to use the word 'squeeze' in this instruction manual instead of 'pull' or 'press' when trigger movement is described ; this is simply to remind you of the need for a gentle squeezing action to achieve accuracy.

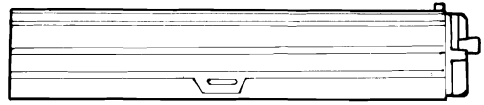
8 - M-900/950 TRIGGER/STRIKER BLOCK

The M-900 and M-950 are equipped with an ambidextrous, double acting safety. To activate the safety, the Striker must be cocked by pulling back on the Bolt Handle. The Bolt may be held back by pushing in the Bolt Catch, or it may be released to seat against the Barrel. After the Striker is cocked, the Safety Lever on either side of the Trigger Guard may be rotated back exposing the 'S', indicating 'SAFE'. Rotating the Safety Lever causes the Safety Cam to rotate inside the action housing. The Cam Follower interferes with the action of the Trigger so that it cannot be pulled, making the gun safe. The lobe of the cam rotates into the path of the Striker to prevent it from striking the Firing Pin in the extremely unlikely event of the Striker being accidentally released. This combined Trigger and Striker Block Safety should be used at all times, except when actually firing.

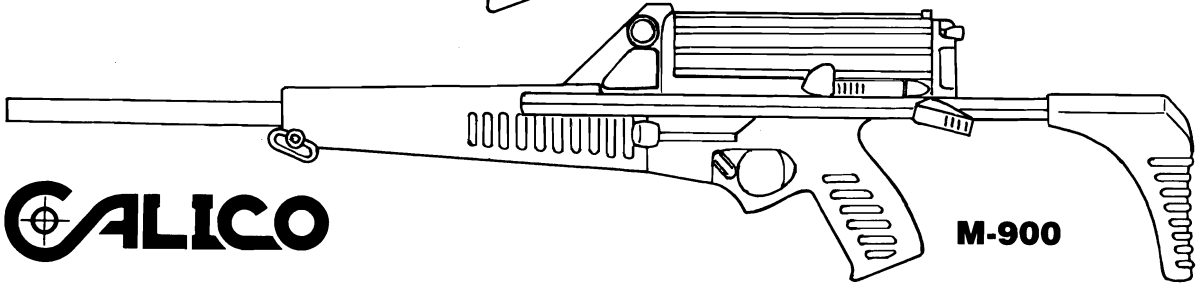
REMEMBER - SAFETY DEPENDS ON YOU



M-950



100 RD Magazines (Part No. 910)



M-900

CALICO

SPECIFICATIONS

M•950 PISTOL

CALIBRE
9mm NATO/PARA
CAPACITY
50 or OPTIONAL 100 RD.
HELICAL FEED MAGS.
ACTION
RETARDED BLOWBACK -
CETME TYPE
RATE
SEMI-AUTO
MUZZLE VELOCITY
APPROX. 1290 FT/SEC W/6″
BARREL
WEIGHT PISTOL

EMPTY	2.25 lb.
LOADED W/50 RD MAG	4.0 lb.
LOADED W/100 RD MAG	5.8 lb.

LENGTH

W/50 RD MAG	14 in.
W/100 RD MAG	19 in.

BARREL
6 IN. HEAT TREATED CHROME
MOLY
RIFLING
6 LANDS AND GROOVES,
1 TWIST IN 12 IN.
RECEIVER
PRIME-CAST A - 356 ALUMINUM
T-6 TEMPER
FURNITURE
GLASS-FILLED POLYMER,
IMPACT RES.
SIGHTS
FIXED NOTCH REAR, ADJ. POST
FRONT (WINDAGE & ELEVATION)
SAFETY
ROTATING SEAR BLOCK
RANGE, EFFECTIVE
300 YDS. MAX.

M•900 CARBINE

CALIBRE
9mm NATO/PARA
CAPACITY
50 or OPTIONAL 100 RD.
HELICAL FEED MAGS.
ACTION
RETARDED BLOWBACK -
CETME TYPE
RATE
SEMI-AUTO
MUZZLE VELOCITY
BARREL / 1400 FT/SEC W/16″
BARREL
WEIGHT CARBINE

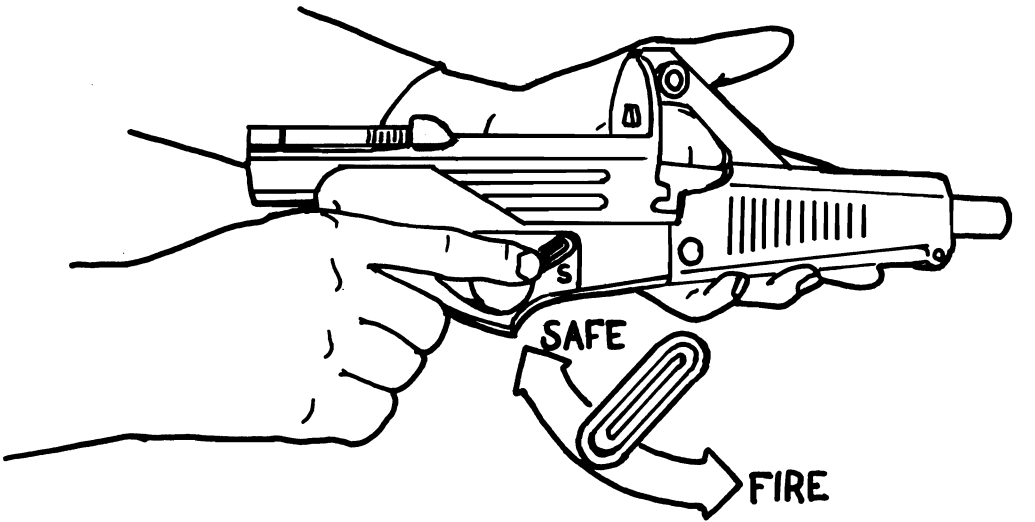
EMPTY	3.7 lb.
LOADED W/50 RD MAG	5.5 lb.
LOADED W/100 RD MAG	7.2 lb.

LENGTH

W/50 RD MAG	28½ in.
W/100 RD MAG	28½ in.
W/STOCK EXTENDED	34½ in.

BARREL
16 IN. HEAT TREATED
CHROME MOLY
RIFLING
6 LANDS AND GROOVES,
1 TWIST IN 12 IN.
RECEIVER
PRIME-CAST A - 356 ALUMINUM
T-6 TEMPER
FURNITURE
GLASS-FILLED POLYMER,
IMPACT RES.
SIGHTS
FIXED NOTCH REAR, ADJ. POST
FRONT (WINDAGE & ELEVATION)
SAFETY
ROTATING SEAR BLOCK
RANGE, EFFECTIVE
300 YDS. MAX.

18.



1 - FEATURES

The CALICO M-900 and M-950 are unique for several reasons. First is the Magazine Capacity - 50 or 100 rounds. Second is superior handling - the Backstrap of the Pistol Grip is much higher than other guns, directly behind the Bolt instead of under it, so 'muzzle climb' is almost eliminated. Third, both guns eject spent cases straight down making the firearms completely ambidextrous, the brass easy to locate, and diminishing interference with others nearby. The CALICO's are not heavy when loaded, despite their capacity, because of the minimum-mass retarded-blowback Bolt System employed and the use of modern materials technology.

The M-900 Carbine and M-950 Pistol were designed so that the user may manipulate all the firearms' operational features (cocking handle, bolt stop, safety, trigger and butt-stock) without releasing the Pistol Grip. This insures that the user can maintain positive and safe control of this firearm at all times.

II. - M-900/950 FEATURES & SPECIFICATIONS

MAGAZINE

The Magazines for the M-900 and M-950 are unique in their design and function, and offer advantages of increased capacity, compactness, streamlining and balance. The 'helical feed' magazine necessarily has more parts than a conventional column-type magazine, and must be properly handled and serviced to assure safe and consistent shooting.

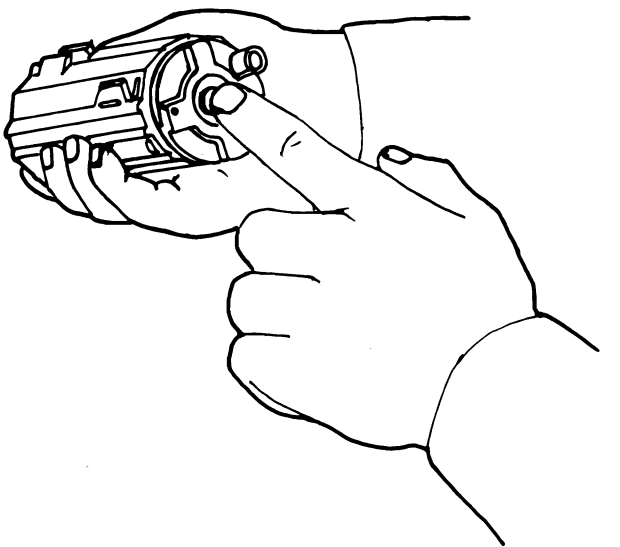
HOW IT WORKS

The M-900/950 magazines contain 50 or 100 rounds laying end-to-end in two layers around the CARTRIDGE CARRIER. The rounds are separated by a helical rib which is molded into the OUTER SHELL. The DRIVE SPRING rotates the driver, which propels the rounds along the helical 'path' in the outer shell. The energy stored by the Drive Spring is controlled by the CLUTCH ASSEMBLY. The FOLLOWER pushes the last round into the FEED LIPS and the TORQUE ROD prevents the spring from 'kinking' or being released when the Magazine is installed.

3 - THE CALICO 9MM BOLT

The Bolt for the M-900 and M-950 is a retarded-blowback CETME type, which allows a minimum bolt mass without the violent recoil of a straight blowback action. When the Bolt is 'in battery', or all the way forward, the Rollers carried by the floating Bolt head are wedged out by the spring-driven Bolt body. The Rollers stop against the angled face of steel inserts in the Receiver, and when a cartridge is fired the gas pressure forces the Rollers against the inserts. The Rollers are pinched together against the wedge of the Bolt body, until they can fit between the inserts, and then the whole Bolt recoils backward against the Return Spring. The CETME Bolt is light, smooth, and safe; the Firing Pin cannot strike the Cartridge Primer unless the Bolt is 'in battery'.

22.



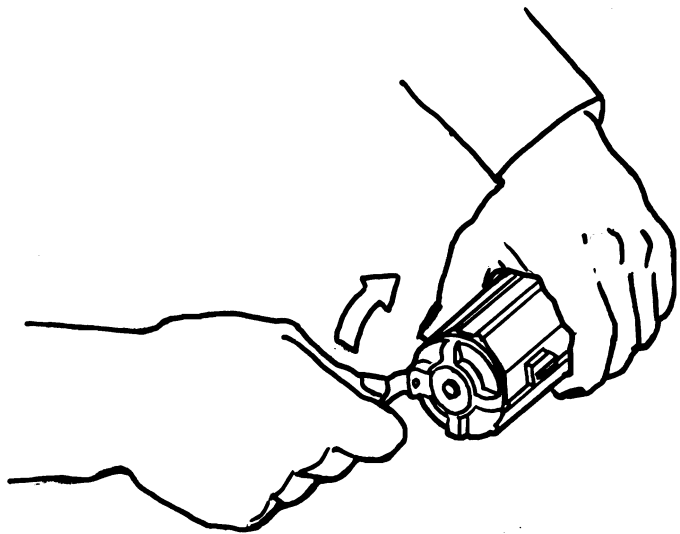
III. OPERATION

1 - LOADING/UNLOADING MAGAZINE

The Helical-Feed Magazine can be loaded through the Feed Lip, one round at a time like every other Magazine. Loading 50 or 100 rounds may seem tedious, and an efficient Speedloader is available. Also, the CALICO Magazine is equipped with a Spring Release, so the rounds may be inserted into the Magazine with NO SPRING RESITANCE.

To load the Magazine, first release any spring tension by pushing the Spring Release Button in the center of the Winder. Then turn the Winder just enough to make the Follower visible in the Feed Lips. Load one round by pushing the round down against the Follower until it snaps under the Feed Lips. Repeat the procedure until the Magazine is fully loaded. It will be helpful to push the Spring Release Button 2 or 3 times while loading, as the tension buildup will somewhat hamper the loading process. After loading 50 or 100 rounds into the Magazine, turn the Winder 10 complete turns for 50 rounds, and 23 complete turns for 100 rounds.

24.



CAUTION: DO NOT OVERWIND THE MAGAZINE. 10 COMPLETE TURNS FOR 50 ROUNDS, 23 TURNS FOR 100.

Although the Drive Spring is designed to survive overwind, overwinding may damage the Spring and will significantly increase the force necessary to strip a round from the Feed Lips. If the rotation of the Cartridge Carrier seems sluggish, or if the rounds fail to feed properly, it is most likely due to excessive fouling in the Magazine. Use only CLEAN factory ammunition for best results.

To unload the Magazine, push down on the metal Feed Lip. Use your thumbnail, a small stick or other safe blunt tool to push the lip.

CAUTION: DO NOT USE ANY SHARP METAL TOOL TO UNLOAD THE MAGAZINE.

The rounds in the Magazine will be ejected in a continous stream, under spring pressure.. Make sure all are collected. Do not leave live ammunition where it may be found by a child or irresponsible adult.

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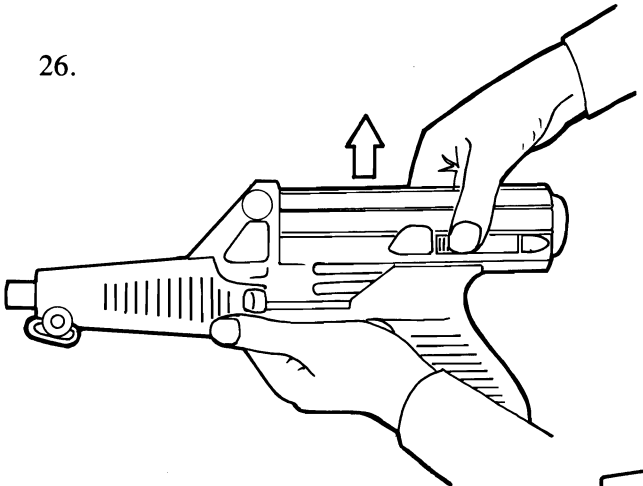

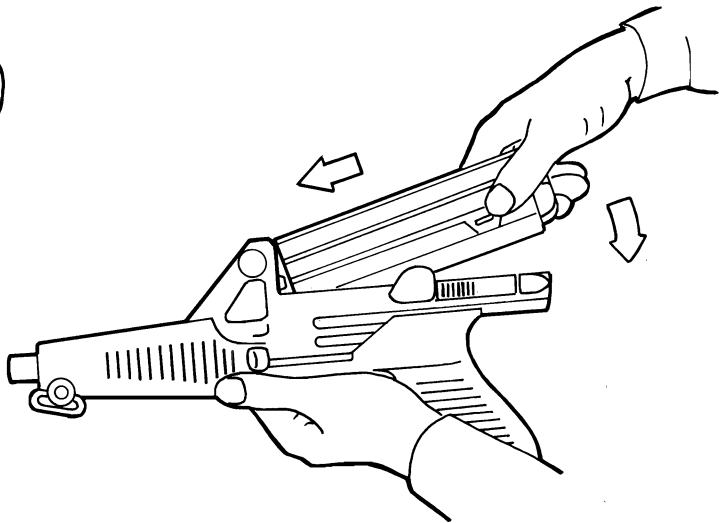

2 - INSTALLING/REMOVING MAGAZINE

The M-900/950 Magazines are quite simple to attach to the Receiver, and with a little practice the Magazines can be changed as rapidly as any magazine-fed firearm. To remove the Magazine simply place the palm of your hand over the rear portion of the Magazine and squeeze the two Magazine Latches together, as shown. A Flat Spring on the bottom of the Magazine will push the Magazine clear of the Latches and into your hand. The 50 and 100 round Magazines operate identically.

To attach the Magazine, simply place it in the Cradle of the Receiver, firmly forward so that the Pin on the Bulkhead fits into the Socket in the front of the Magazine. Press firmly down on the rear of the Magazine until the Latches snap in place. The Magazine will remain firmly fixed to the Receiver even if only one Latch is engaged, but check to make certain that both Latches are engaged in the Magazine. NOTE: The Magazine can be attached with the Bolt forward or back, but is easier to attach with the Bolt locked back.

NOTE: The Magazine Clutch must be engaged, so the Magazine Rod does not protrude at the front, in order to install the Magazine.

3 - COCKING AND FIRING

With the Magazine attached, the M-900/950 is ready to fire by simply pulling sharply back on the Bolt Handle until it stops, and then releasing it. As the Bolt springs forward it strips a round out of the Feed Lip and puts it in the Chamber.

If a round jams while loading, pull the Bolt Handle back, and push in the Bolt Stop to lock it back. Hold the firearm with the Ejection Port down and shake the round out. If the round is damaged in any way, discard it in a safe place.

TO FIRE:

1. Be sure you are familiar with all the safety insructions in this manual.
2. Load the Magazine, attach it to the firearm, and chamber a round as described.

3. Grasp the firearm by the Pistol Grip and with index finger along the outside of the Trigger Guard, take aim. Aim by aligning Front and Rear Sights.

4. Push the Safety forward with your Trigger finger.

5. Place your index finger on the trigger and squeeze gently until the Striker is released. Don't jerk the Trigger as you will disturb your aim. To fire the second and subsequent rounds, all that is necessary is to release the Trigger and squeeze it again, until you have completed firing.

6. **CAUTION: THIS IS A SEMI-AUTOMATIC FIREARM AND IS IMMEDIATELY LOADED AND COCKED, READY TO FIRE AGAIN AFTER EACH SHOT UNTIL THE MAGAZINE IS EMPTY.**

7. Release the Trigger, place index finger outside of the Trigger Guard, and apply the Safety by pulling it back.

CAUTION: IF FIREARM FAILS TO FIRE, HOLD IT, KEEP IT POINTED TOWARD THE TARGET OR SAFE OPEN AREA, AND WAIT 30 SECONDS. If hangfire (slow ignition) has occurred, the round will fire within 30 seconds. If the round does not fire, remove the Magazine, eject round, and examine Primer. If Firing Pin indent on Primer is light or non-existent, examine your firearm carefully. Fieldstrip and clean if necessary. Return the firearm to CALICO for repair if situation repeats.

If the Firing Pin indent on the Primer appears normal assume faulty ammunition. Segregate misfired rounds from other live ammunition. Reload and resume firing.

8. Keep the firearm pointed in a safe direction and unload as previously desribed. If you cock your firearm but do not fire, apply Safety until ready to fire. Remember, if there is a round in the Chamber, there is a risk of accidental discharge.

CAUTION: NEVER LEAVE YOUR FIREARM COCKED READY TO FIRE. TO DO SO IS EXTREMELY DANGEROUS AND THE FIREARM COULD BE ACCIDENTALLY DISCHARGED, CAUSING INJURY OR DEATH. SAFETY DEPENDS ON YOU.

OVERWINDING

When the Magazine spring is wound up it gets longer (essentially ''adding'' coils), and in the extreme overwound condition the Spring ''bottoms out'' and prevents the Spring-Release Clutch from opening. If this condition occurs when the Magazine is loaded, simply remove enough rounds to allow the Clutch to release. If the Magazine is empty and overwould tight, the only recourse is to CAREFULLY disassemble the Magazine. The Spring tension will suddenly release when the Magazine is opened — **CAUTION: Wear eye protection and be careful not to lose any parts.** Inspect the Magazine and reassemble.

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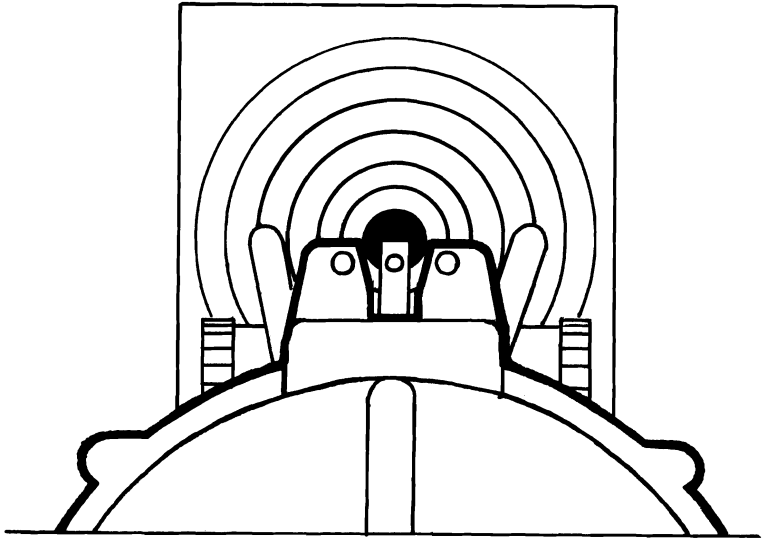
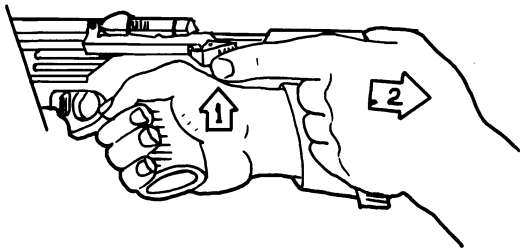


4 - ADJUSTING SIGHTS

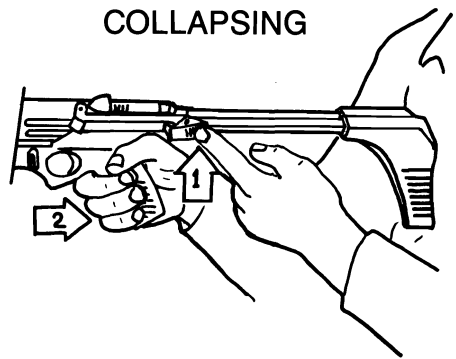
Your CALICO M-900/950 is equipped with a quickly adjustable Front Sight. A Set Screw behind the Front Sight locks it in place. It must be loosened to adjust the sights. Spring-Loaded Detents keep the Sight Knobs in place until thay are turned by hand. Each click of the Left Sight Knob changes the impact point of the bullet approximately 2 inches in elevation at 100 yards. Similarly, each click of the Right Sight Knob changes the impact point approximately 1/4 inch in windage. Arrows next to the Sight Knobs indicate direction of impact point. A proper Sight picture is necessary to shoot accurately. The Sights for the M-900/950 are identical, although the firearms are held differently and at different distances from your eyes. Holding the firearm comfortably with both eyes open or with just your 'strong eye' open, line up the Sights so that the White Dot on the Front Sight Post is midway between and on the same level with the 2 White Dots of the Rear Sight. The center of your target should rest on top of the Sight Post, as pictured. Holding the firearm steady, fire 3 or more shots. Adjust the Sight Knobs as previously described, until the center of each 3 round group is hitting where you want it to. Because the Line-Of-Sight is substantially above the Barrel, you must aim higher as the distance to target decreases.

34.

EXTENDING



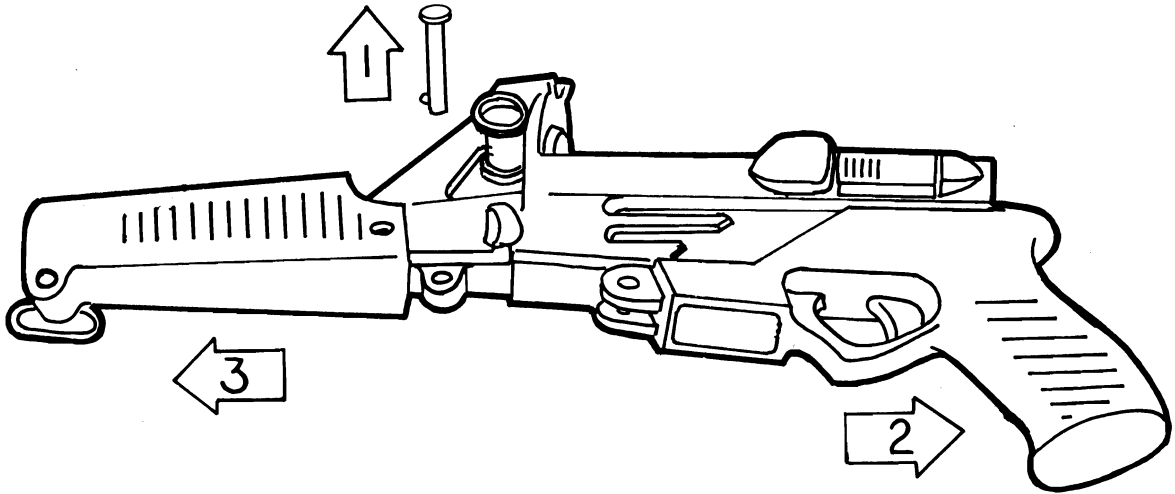
COLLAPSING



EXTENDING AND COLLAPSING THE BUTTSTOCK

The M-900 Carbine has a sliding Buttstock which latches in both the collapsed and extended positions. To extend the Buttstock, grasp the firearms' Pistol Grip with your right hand, depress the Buttstock Latch with your left index finger and pull straight back on the butt with your left hand until the Buttstock is fully extended. The Latch will automatically engage at full extension. To collapse the Buttstock, hold the firearm normally, depress the Latch and pull the firearm straight back with the butt against your chest until it automatically latches in the fully collapsed position. Left-handed shooters can operate the Buttstock in a similar manner by unlatching the stock with the blade of their right hand and pulling the butt straight back with their right hand.

36.



IV. ASSEMBLY

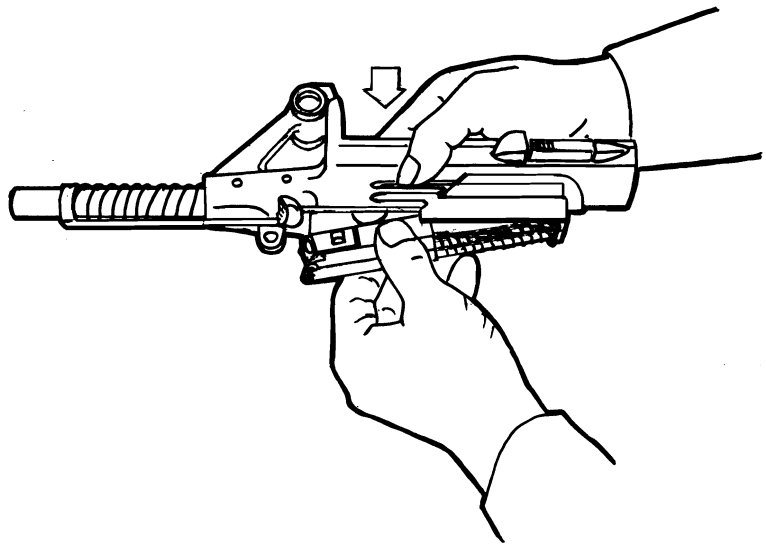
1 - FIELD STRIP

The M-900 Carbine and M-950 Pistol use the same Bolt and Pistol Grip/Action Housing, but their Receivers are slightly different to allow for different head spacing.

The Pistol and Carbine Barrels are NOT INTERCHAGEABLE. Both the Carbine and Pistol have the same Field-Strip procedure.

First, remove the Magazine and open the Bolt to ~~make~~ ~~sure~~ the firearm is not loaded, then push the Safety forward and pull the Trigger. Pull the Retaining Pin at the rear of the Forend completely out (don't lose it), and then slide the Pistol Grip straight back until it is free. It should be snug so gentle tapping may be necessary. If it sticks solid, don't force it - push it forward and repeat the procedure. Then remove the Bolt Assembly, pushing with your index finger through the top of the Cartridge Port in the Receiver.

38.

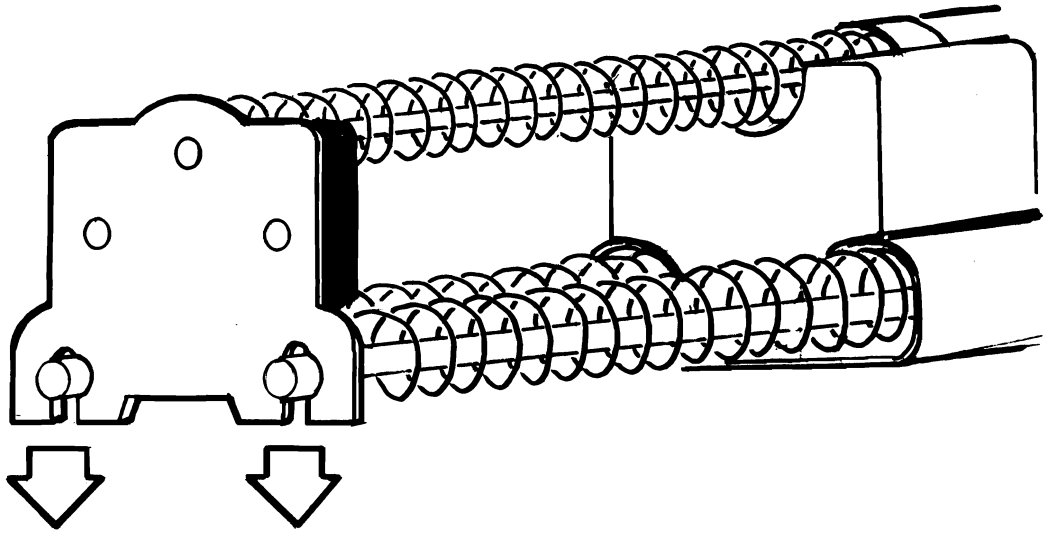


The Bolt, Striker, Return Springs and Buffer Plate come out as a unit, with no loose parts. They can be separated by pulling the notched ends of the Return Spring Rods out of the slots in the Buffer Plate as pictured. Don't take the Bolt Assembly apart unless it is necessary: re-assembling the Bolt Assembly is awkward because you must pull the springs back and push the Spring Rod forward at the same time to lock the Rod Ends into the Buffer Plate.

The Pistol or Carbine Forend, the Cocking Handle and the Handle Return Spring can then be removed by sliding them forward off the Barrel. The Barrel can be removed by tapping out the two steel Retaining Pins with a hammer and 1/4 inch diameter pin punch, however this is not necessary for cleaning.

To re-assemble the M-900 or M-950, first hold the Bolt Assembly parallel to the Receiver and push straight in, making sure the bottom edge of the Buffer Plate is flush with the bottom edge of the Receiver. Slide the Handle Spring over the Barrel; then the Bolt Handle, making sure it nests properly; and then the forend. Slide the Pistol Grip onto the Reciver until it stops, then insert the Retaining Pin to lock everything together. Cock the Bolt back and dry fire several times to make certain it functions properly.

40.

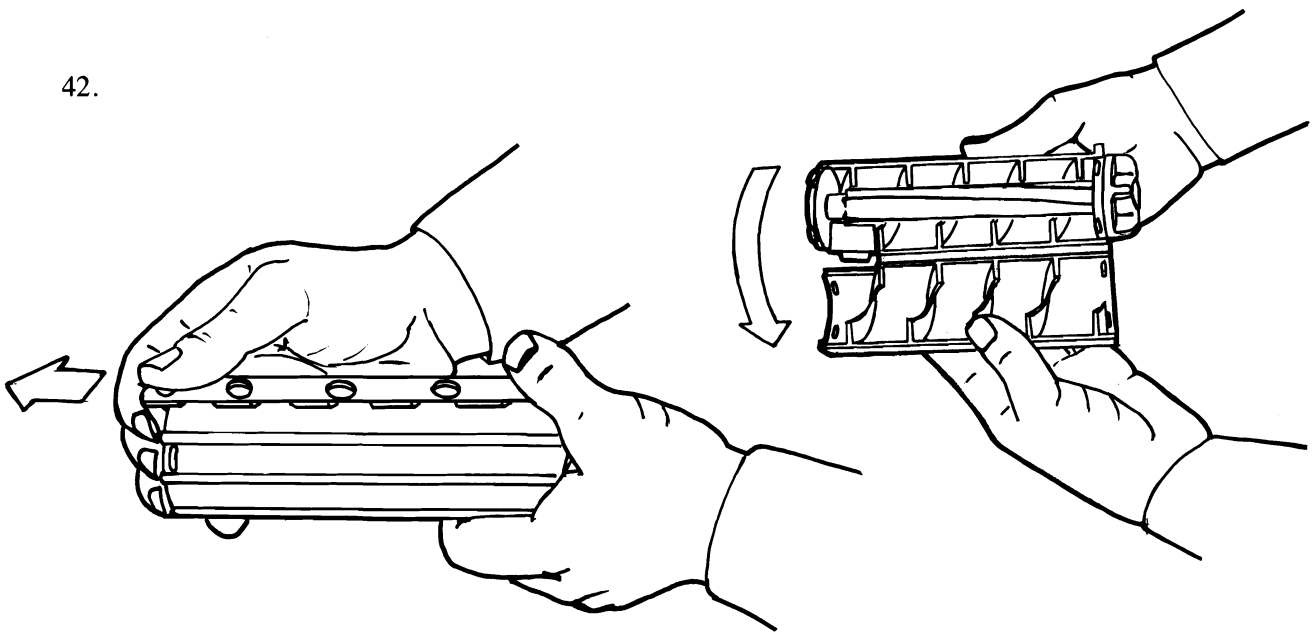


2 - DIS-ASSEMBLY OF MAGAZINE

The CALICO magazine is durable and reliable, but like all magazines it can become fouled by accumulations of combustion residue, and it must occasionally be disassembled for cleaning. BEFORE DISASSEMBLING THE MAGAZINE MAKE SURE IT IS EMPTY. Remove the Magazine and look to see that the Follower is visable in the Feed Lips, then release any energy stored in the Drive Spring by pushing the Spring Release Button in the center of the Winder at the back of the Magazine. Grasp the Magazine in both hands as shown and push the top Ribbon Clamp forward with your thumbs, about 1/2 inch only. When you feel the dovetail segments of the Ribbon Clamp and Magazine Shells unlock, lift the Ribbon Clamp off and set it aside. Gently pry the Magazine Shell halves open like a clam, making sure the Front End Cap, Cartridge Carrier, and Winder stay on one side, until the Bottom Ribbon Clamp is loose and the halves are free. Remove the Front End Cap, Cartridge Carrier and Winder Assembly from the Shell half, making sure not to lose the Follower. Do not disassemble the Winder Assembly; the small clutch rollers inside are easily lost. If it is not functioning properly return it to CALICO for repair or replacement.

NOTE: The numbers beside the windows on top of the Magazine indicate the minimum number of rounds left in the Magazine.

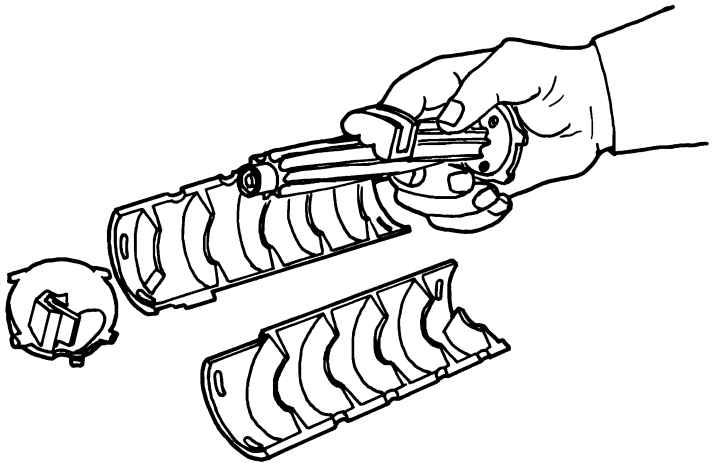
42.



2 - MAGAZINE ASSEMBLY

Install the FRONT END CAP, CARTRIDGE CARRIER and WINDER ASSEMBLY together in the magazine shell half with the plastic FEED LIP,(the other side does not have a feed lip), making sure the L-shaped hook of the FRONT END CAP fits over the front of the shell and the protruding tabs fit into the oval slots at the ends of the shell. Fit the FOLLOWER to the CARTRIDGE CARRIER, making sure the arrow points forward, and rotate it into the shell between any two helical ribs. Holding that shell half in one hand, engage the edge of the metal bottom RIBBON CLAMP along the length of the shell's bottom dovetail and hold it in place. Then, engage the bottom dovetail of the other shell half in the RIBBON CLAMP, and slowly close the two halves together, making sure the pins and sockets spaced along the edges of the halves mate perfectly. Holding the halves together in one hand, engage the top ribbon clamp with the solid dovetail on top of the magazine so that the segments line up; then, slide it back until the segments are completely interlocked and the capacity indicating holes line up. Wind up and release the Spring a couple of times to make sure the magazine works smoothly.

44.



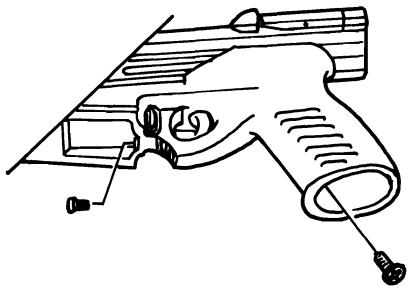
ACCESSORIES

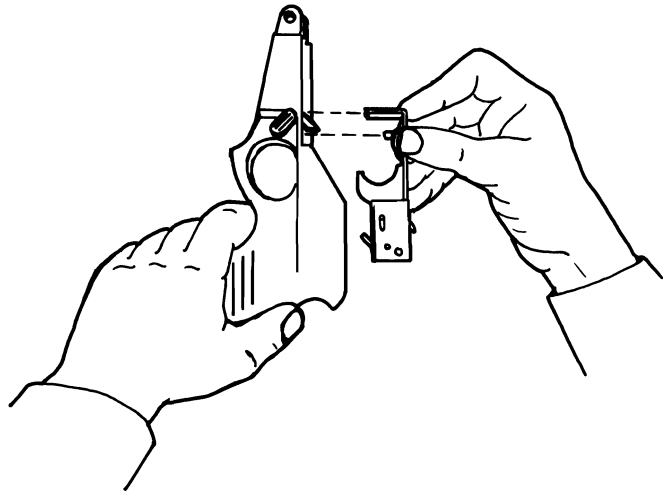
Accessories for the M-900 and M-950 include:

Heavy Steel Scope Mount with Weaver Base (Part No. 925)
Forward Laser Mount with Weaver Base (Part No. 930)
Snap-On Brass Catcher with Velcro Closure (Part No. 920)
100 Round Magazine / 50 Round Magazine (Part Nos. 910, 915)
50 Round Speed Loader (Part No. 905)
Compensators — 2″ and 3½″ (Part Nos. 935, 940)

CONTACT CALICO OR YOUR LOCAL
DEALER FOR MORE INFORMATION

46.





3 - REMOVING / INSTALLING THE ACTION HOUSING

To remove the Action Housing, first remove the Pistol Grip as described in the Field Stripping section. Then, use a Philips Head Screwdriver to remove the two screws which secure the Action Housing within the Pistol Grip, as shown. With the Safety in the ''safe'' position, gently pry the Action straight up, out of the Pistol Grip.

CAUTION: DO NOT PULL THE TRIGGER WHEN THE ACTION HOUSING IS OUT OR YOU MAY LOSE THE FLOATING PINS WHICH ARE PART OF THE ACTION. THE ACTION HOUSING SHOULD BE REMOVED FOR CLEANING ONLY; DO NOT ATTEMPT TO MODIFY THE ACTION PARTS IN ANY WAY, AS THE FIREARM MAY BECOME UNSAFE OR ILLEGAL, AND THE WARRANTY WILL BE VOID. ANY FIREARM RETURNED TO CALICO WITH MODIFIED PARTS WILL BE REPORTED TO THE APPROPRIATE AUTHORITIES.

To re-install the Action Housing, first make sure the vertical leg of the Trigger is in the "safe" position, and the Trigger-Block Slide is in the rearward position, as shown. Insert the Action Housing straight into the Pistol Grip, making sure the vertical leg of the Trigger-Block Slide fits between the Safety Cam and the Safety Spring. When the Action is seated in place, secure it with the two screws removed earlier. Check the Safety and Trigger for proper functioning before re-installing the Pistol Grip on the Receiver. If the Action is not functioning properly, and if any Action parts are missing, damaged or modified, return the complete firearm IMMEDIATELY to CALICO for repair.

REMEMBER - SAFETY DEPENDS ON YOU

V. CARE AND CLEANING

GENERAL

A thorough knowledge of how to service and handle firearms is of great importance. Experience has shown that most failures which occur while operating a firearm are due to negligence in maintenance. Special attention must be paid to cleaning, lubricating and inspecting the firearm; this may determine whether or not it will function properly when you need it. In order to maintain accuracy, the Barrel must be serviced thoroughly. The Receiver, the Bolt Assembly and other moving parts of the firearm must be kept clean and lightly lubricated to ensure proper operation. Care and cleaning includes the Magazine, which must be kept free from wax, grit, etc., in order to function properly.

INITIAL CLEANING

1. Upon the receipt of your CALICO M-900/950, disassemble and inspect. (see instructions)
2. Clean as per Periodic Maintenance Procedure.
3. Any waxy deposits or dirt may be removed using very light rust preventative oils. After cleaning, wipe dry and lightly coat with gun oil.
4. Never use abrasive or metallic objets, synthetic cloth, dry cleaning fluids, detergents, acids, lyes, water or steam.
5. Reassemble and make sure of proper functioning of firearm, including Safeties.
6. Observe all safety precautions previously listed in this book.

PERIODIC MAINTENANCE

1. Disassemble the firearm. Clean all disassembled parts as explained below. Remove all foreign matter or dirt using widely distributed gun oil and gun cleaning equipment made for sporting and hunting firearms.

CAUTION: MAKE SURE YOUR FIREARM IS EMPTY BEFORE CLEANING. SAFETY DEPENDS ON YOU.

2. Clean the Barrel Bore and Chamber: use a metal bore brush first, then a cloth patch. Continue until patches come out clean. After cleaning, lightly lubricate the Bore and Chamber with a patch dipped in lubricant to prevent corrosion and pitting.
3. Clean exterior and interior surfaces of all subassemblies. Then wipe all metal surfaces with a lightly oiled patch or rag. Pay particular attention to all parts of the firng mechanism.
4. While cleaning, the following inspection must be carried out:
   a. Examine the Bore and Chamber visually and make sure it is free of rust, pitting and metal fouling, and that the Barrel has not been damaged.
   b. Check that all disassembled parts are serviceable and none are missing.
   c. Check the action mechanism in the Pistol Grip for dirt or grit, loose or excessive wear.
   d. Inspect the firing pin visually to make sure that it is undamaged.
   e. Inspect Extractor visually and make sure it is not clogged or damaged.

CAUTION: MAKE SURE YOUR FIREARM IS EMPTY BEFORE CLEANING. SAFETY DEPENDS ON YOU.

5. Assemble the firearm.
6. After assembly, check the following:
   a. Make sure the Chamber is empty.
   b. With fire selector 'F' showing (exposed for fire), cock and dry fire at least twice to make sure that the mechanism is working smoothly and properly.
   c. Cock the firearm, move fire selector to Safety positon, ('S' exposed for Safety), point Barrel in safe direction, squeeze triggeer to make sure Safety is working properly. Return fire selector to fire position ('F' exposed), and dry fire. Set fire selector to Safety position ('S' exposed for Safety).
   d. Check sights and all exterior parts of the firearm to make sure that they are undamaged and serviceable.

CAUTION: MAKE SURE YOUR FIREARM IS EMPTY BEFORE CLEANING. SAFETY DEPENDS ON YOU.

7. It is imperative that the Magazines be given the best care and kept in perfect condition. They should be disassembled and cleaned with mineral oil or other mild cleaning agent. Make sure all build-up of fouling is removed. Check that the spring-loaded feed lip does not stick.

CLEANING BEFORE FIRING

1. Disassemble the firearm.
2. Run clean patches through Bore and Chamber to remove all dust and oil. There should be no dirt in Bore and Chamber before firing as this may cause dangerous pressures to develop.
3. Check that all moving parts are lightly oiled.
4. Assemble the firearm and check functioning.

CAUTION: MAKE SURE YOUR FIREARM IS EMPTY BEFORE CLEANING. SAFETY DEPENDS ON YOU.

CLEANING AFTER FIRING

1. The firearm should be cleaned not later than the evening of the day on which it was fired to prevent corrosion and caking of deposits. Some ammuniton is very corrosive.
2. Follow procedures of periodic maintenance and pay particular attention to all parts which have been in contact with powder gases.

a. Barrel - In order to remove heavy deposits, use cleaning brush. Make sure the brush goes all the way through the Bore before reversing the direction. Deposits that cannot be readily removed with the brush may be treated by coating Bore and Chamber with good quality bore cleaning fluid and repeat the above procedure. The Barrel should be cleaned and reoiled, at least once after firing.

b. Bolt - Remove all powder residues from Bolt. If necessary, use a stiff nylon brush or tooth brush. Clean and lightly oil all parts of Bolt Mechanism.

CAUTION: MAKE SURE YOUR FIREARM IS EMPTY BEFORE CLEANING. SAFETY DEPENDS ON YOU.

c. Receiver - Wipe off any heavy deposits in interior and oil lightly.
d. Magazine - Make sure Magazines are clean and Follower moves freely.

IMMEDIATE ACTION AND TROUBLE SHOOTING

A failure to fire, including one caused by an empty Magazine, may be corrected by taking immediate action. Remove Magazine and wait 3 seconds with Barrel pointing in a safe direction, then inspect Magazine.

1. MAGAZINE EMPTY

a. Cock to remove possible last round. Inspect Chamber and if empty, attach full Magazine, recock and continue firing.

2. MAGAZINE NOT EMPTY (MALFUNCTION)

a. Lock Bolt open to clear possible defective or jammed round. If a round ejects, inspect the primer. If it is indented, assume faulty ammunition Recock and continue.
b. If nothing ejects, check if a cartridge or case is in Chamber. If empty, check magazine for proper spring tension.
c. If base of cartridge is visible, allow Bolt to snap home and fire in a safe direction. If round fires and ejects, continue.
d. If firearm does not fire, set fire selector on Safety and follow trouble shooting procedure for 'spent case or round stuck in Chamber'.

FAILURE TO FEED CAUSE	FIREARM JAMS OR CLOSES ON EMPTY CHAMBER REMEDY
A. Incorrect Cocking	Clear jam if necessary and recock. Pull Bolt all the way back and let it snap home by itself: don't ride the Bolt Handle.
B. Magazine Improperly Seated	Push Magazine home until Latch catches.
C. Magazine Improperly Loaded	1. Seat top Catridge properly. 2. Check that the Magazine is fully wound - 10 turns for 50, 20 turns for 100 rounds.
D. Dirty Magazine	Disassemble and Clean.
E. Damaged Magazine	Return to CALICO for prompt repair or replacement.
F. Short Recoil	Clear jam. Check Chamber for cleanliness. Check type of ammunition (may be underpowered). Try other commercially manufactured 9mm ammunition.
G. Double Feed	1. Inspect for stuck case or cartridge. 2. Check Extractor and Ejector.

FAILURE TO CHAMBER	**BOLT DOES NOT FULLY CLOSE AND CARBINE DOES NOT FIRE.**
CAUSE	**REMEDY**
A. Incorrect Cocking	Recock, save ejected round. Do not ride cocking handle.
B. Dirty Chamber	Clean
C. Defective Ammunition	Check for damaged cartridges or out-of-tolerance reloads.
D. Very Dirty Receiver	Check for sluggishness in Bolt and Firing Mechanism. Clean and oil as necessary.
E. Defective Return Spring	Check for recurrent sluggishness in operation, Check spring assembly for damage. Replace if necessary.

FAILURE TO FIRE	**STRIKER HITS HOME BUT FIREARM WILL NOT FIRE**
CAUSE	**REMEDY**
A. Bolt not Fully Closed	Follow procedure for incorrect cocking or shortrecoil.
B. Defective Cartridge	Inspect Primer. If fully indented discard safely. If not fully indented, check Firing Mechanism.
C. Dirty Firing Mechanism	Check for sluggishness of operation.
D. Defective Firing Pin	Clean and replace as necessary.

FAILURE TO EXTRACT OR EJECT

THE BOLT MAY NOT FULLY RECOIL, THE FIRED CASE MAY NOT EJECT, OR THE FIREARM MAY JAM (SPENT CASE LEFT IN CHAMBER)

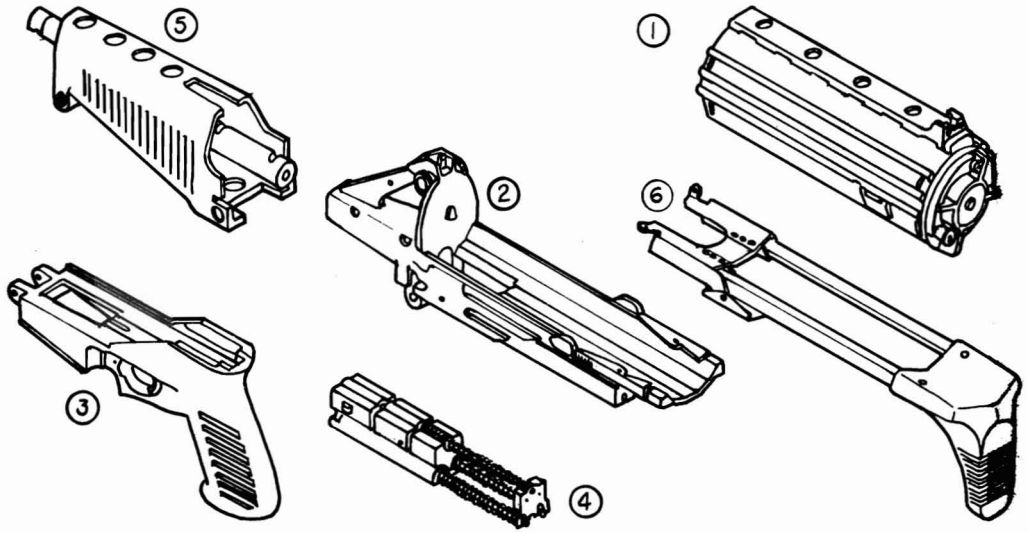
CAUSE	REMEDY
A. Underpowered Ammunition (Short Recoil)	Check Ammunition and change to quality brand of commercial manufactured ammunition.
B. Dirty or Damaged Chamber	Inspect, clean, replace Barrel if necessary.
C. Defective Ammunition	Check ammuniton for damage. Replace if problems persist.
D. Fouled Extractor	Clean Extractor.
E. Extractor Defective or Missing	Replace
F. Damaged Ejector	Replace if necessary.

SPENT CASE OR ROUND STUCK IN CHAMBER

CAUTION: THE FOLLOWING PROCEDURE SHOULD BE CARRIED OUT ONLY AFTER FOLLOWING THE STEPS IN 'IMMEDIATE ACTION'

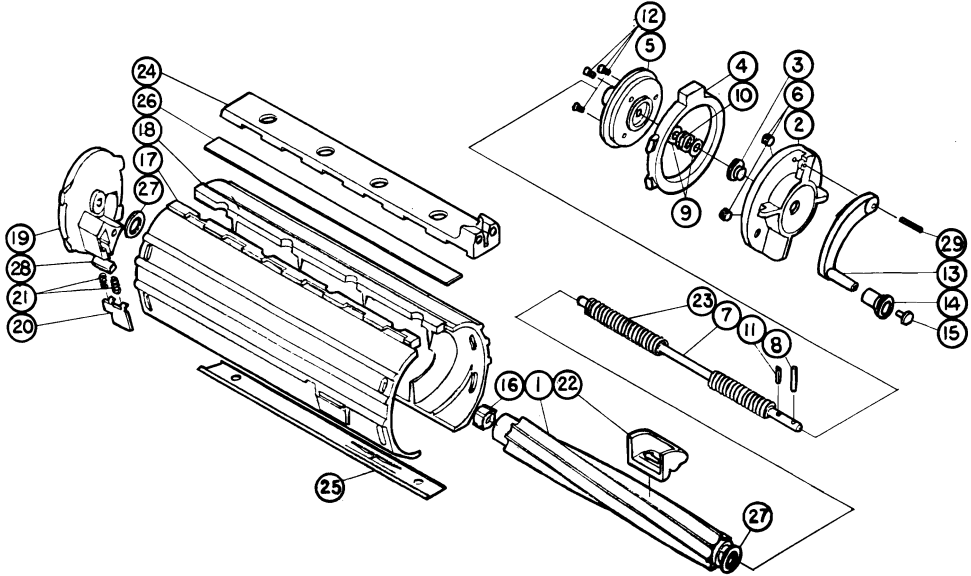
1. Field Strip, Remove Bolt.
2. Insert wood dowel through front of Barrel. Push or tap gently to remove obstruction.
3. Check Chamber and Bore. Clean before reassembly.
4. If obstruction cannot be removed, contact a competent gunsmith or CALICO.

M-900 AND M-950 SUB-ASSEMBLIES

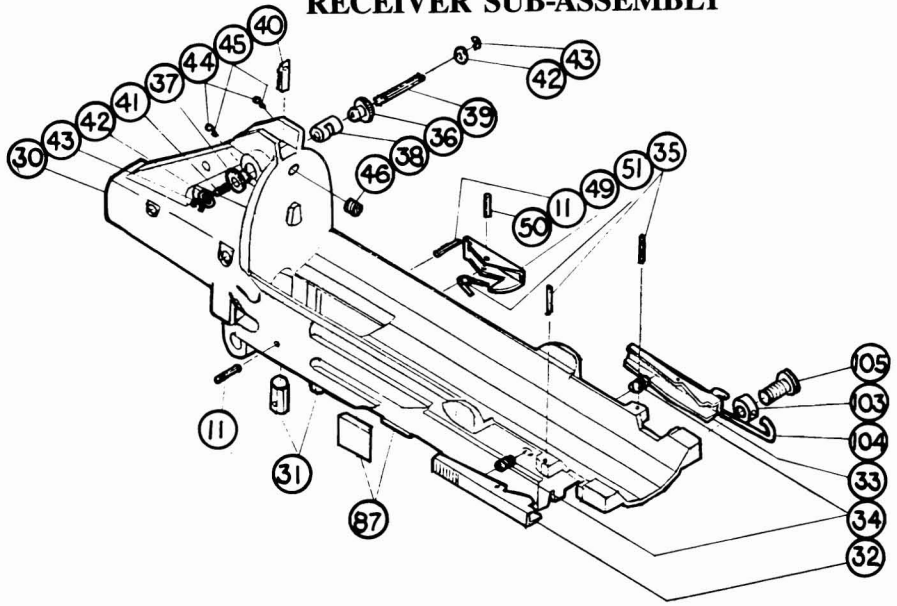


62.

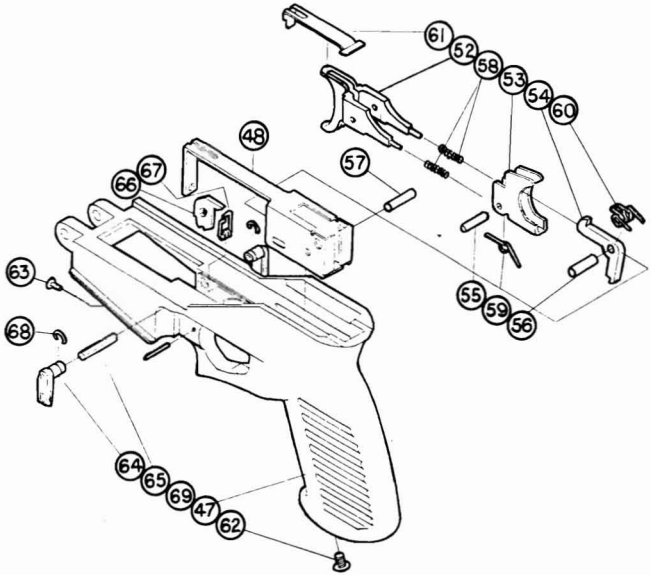
MAGAZINE SUB-ASSEMBLY



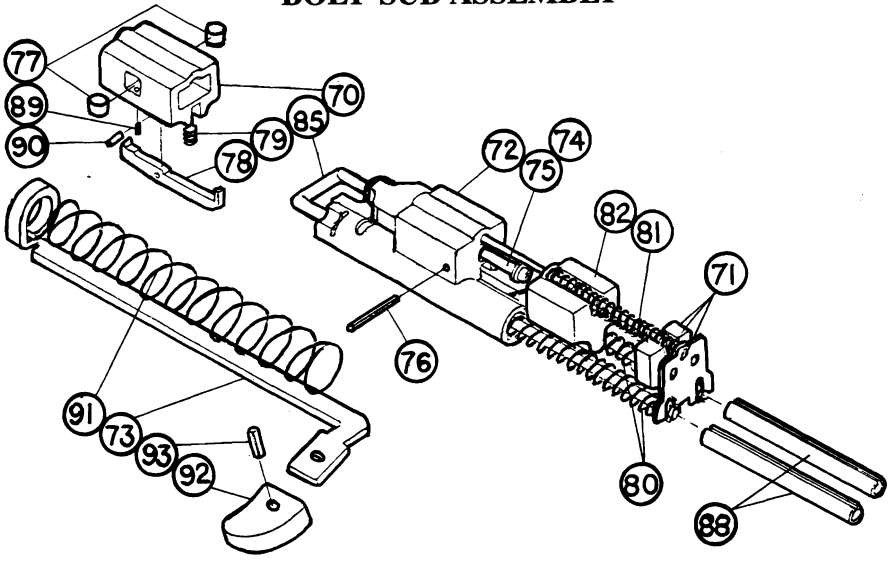
RECEIVER SUB-ASSEMBLY



PISTOL GRIP / ACTION SUB-ASSEMBLY

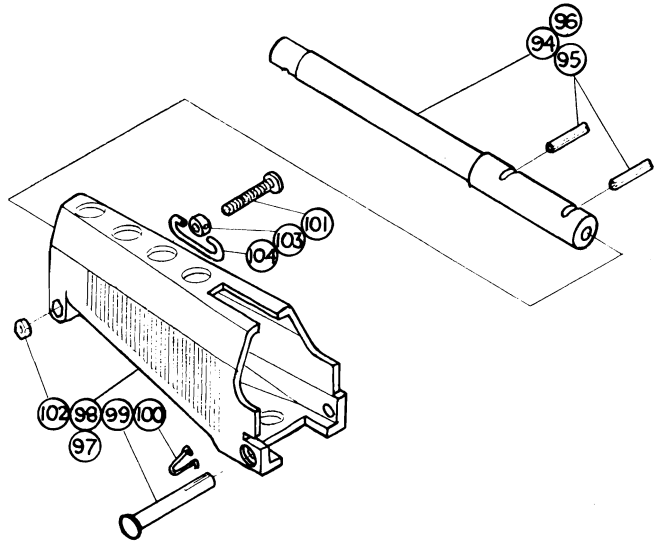


BOLT SUB-ASSEMBLY

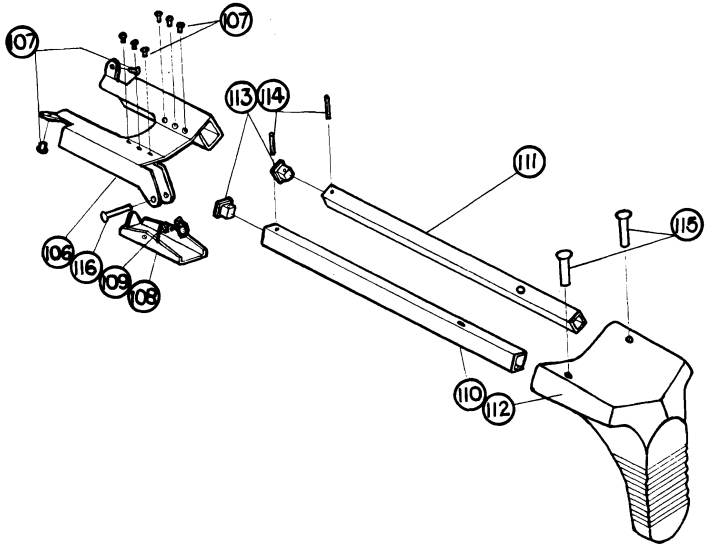


66.

BARREL SUB-ASSEMBLY



BUTTSTOCK SUB-ASSEMBLY



M-900 AND M-950 PARTS LIST

REF.	PART NO.	PART DESC.
1	C-9-201	Fluted Cartridge Carrier
2	C-9-201-100	Fluted Cartridge Carrier (100 rd.)
2	C-9-202-01	Cap, Rear End
3	C-9-202-02	Button Clutch
4	C-9-202-03	Ring, Clutch
5	C-9-202-04	Cover, Clutch
6	C-9-202-05	Roller, Clutch (3)
7	C-9-202-06	Rod, Torque
7	C-9-202-06-100	Rod, Torque (100 rd.)
8	C-9-202-07	Pin, Driving
9	C-9-202-08	Washer (2)
10	C-9-202-09	Spring, Button
11	C-9-202-10	Pin, Retainer
12	C-9-202-11	Screw (3)
13	C-9-202-12	Handle, Winding
14	C-9-202-13	Sleve, Handle
15	C-9-202-15	Button, Winding Handle
16	C-9-201-01	Splined Driver
17	C-9-203-1	Magazine Outer Shell, Left
18	C-9-203-2	Magazine Outer Shell, Right
17	C-9-203-1-100	Magazine Outer Shell, Left (100 rd.)
18	C-9-203-2-100	Magazine Outer Shell, Right (100 rd.)

REF.	PART NO.	PART DESC.
19	C-9-204-01	Cap, Front End
20	C-9-204-02	Feed Lip
21	C-9-204-03	Spring, Feed Lip (2)
22	C-9-204-04	Follower, Magazine
23	C-9-204-05	Spring Drive
23	C-9-204-05-100	Apring Drive (100 rd.)
24	C-9-204-06	Ribbon Clamp, Upper
24	C-9-204-06-100	Ribbon Clamp, Upper (100 rd.)
25	C-9-204-07	Ribbon Clamp, Lower
25	C-9-204-07-100	Ribbon Clamp, Lower (100 rd.)
26	C-9-204-09	Lens, Magazine
26	C-9-204-09-100	Lens, magazine (100 rd.)
27	C-9-204-10	Washer, Thrust (2)
28	C-9-204-11	Guide Spring
29	C-9-403-06	Pin, Handle
30	C-9-301	Upper Receiver
31	C-9-301-10	Pin, Breech (2)
32	C-9-302-1	Magazine Catch, Left
33	C-9-302-2	Magazine Catch, Right
34	C-9-302-02	Spring, Magazine Catch
35	C-9-302-10	Pin, Magazine Catch (2)
36	C-9-302-04	Knob, Windage

M-900 AND M-950 PARTS LIST

REF.	PART NO.	PART DESC.
37	C-9-302-05	Knob, Elevation
38	C-9-302-06	Bushing, Sight
39	C-9-302-07	Pinion Shaft
40	C-9-302-08	Sight Post
41	C-9-302-09	Spring, Sight
42	C-9-302-10	Washer, Sight (2)
43	C-9-302-11	Snap Ring, Sight (2)
44	C-9-302-13	Ball, Detent (2)
45	C-9-302-14	Spring, Detent (2)
46	C-9-302-15	Set Screw, Sight
47	C-9-401	Pistol Grip
48	C-9-402-01	Action Housing
49	C-9-402-02	Bolt Stop
50	C-9-202-14	Pin, Bolt Stop
51	C-9-402-04	Spring, Bolt Stop
52	C-9-402-05	Trigger
53	C-9-402-06	Disconnect
54	C-9-402-07	Sear
55	C-9-402-08	Pin, Trigger
56	C-9-402-09	Pin, Sear
57	C-9-402-10	Pin, Stop
58	C-9-402-11	Spring, Trigger (2)
59	C-9-402-12	Spring, Disconnect
60	C-9-402-13	Spring, Sear
61	C-9-402-14	Sear Block
62	C-9-402-15	Screw, Action Housing
63	C-9-402-16	Screw, Tongue
64	C-9-403	Safety (2)
65	C-9-403-01	Hex Shaft
66	C-9-403-02	Cam, Safety
67	C-9-403-03	Spring, Safety
68	C-9-403-05	C-Ring, Safety (2)
69	C-9-403-06	Pin, Spring Safety
70	C-9-501	Bolt, Female
71	C-9-503-17	Buffer Assembly
72	C-9-503	Bolt, Brazed
73	C-9-503-02	Bolt Handle
74	C-9-503-03	Firing Pin - Carbine
75	C-9-503-03-50	Firing Pin - Pistol
76	C-9-202-14	Pin Stop, Firing Pin
77	C-9-503-04	Roller (2)
78	C-9-503-05	Extractor
79	C-9-503-06	Spring, Extractor
80	C-9-503-08	Spring, Bolt Return (2)

M-900 AND M-950 PARTS LIST

REF.	PART NO.	PART DESC.
81	C-9-503-09	Spring, Striker
82	C-9-503-10	Striker
85	C-9-503-13	Guide Rod, Return Spring
87	C-9-503-15	Buffer, Roller (2)
88	C-9-503-16	Split Tube (2)
89	C-9-503-18	Pin, Roller (2)
90	C-9-503-19	Pin, Extractor
91	C-9-503-20	Spring, Handle
92	C-9-503-21	Knob, Charging
93	C-9-503-22	Pin, Charging Knob
94	C-9-601	Barrel, Pistol
95	C-9-601-01	Barrel, Pins (2)
96	C-9-601-16	Barrel, Carbine
97	C-9-602-16	Barrel, Shroud - Carbine
98	C-9-602-06	Barrel, Shroud - Pistol
99	C-9-603	Pin, Take Down
100	C-9-603-01	Spring, Take Down Pin
101	C-9-603-02	Screw, Swivel
102	C-9-603-03	Nut, Swivel
103	C-9-603-04	Bushing, Swivel (2)
104	C-9-603-05	Sling Ring (2)
105	C-9-603-06	Screw, Sling Ring
106	C-9-701	Bracket, Butt-Stock
107	C-9-701-01	Rivet, Bracket (8)
108	C-9-701-02	Latch, Butt-Stock
109	C-9-701-03	Spring, Latch
110	C-9-701-05-1	Rail, Butt-Stock, Left
111	C-9-701-05-2	Rail, Butt-Stock, Right
112	C-9-701-06	Butt-Plate
113	C-9-701-07	End Cap, Rail (2)
114	C-9-202-10	Pin, End Cap (2)
115	C-9-701-09	Rivet, Butt-Plate (2)
116	C-9-701-10	Rivet, Latch

FOR REPLACEMENT PARTS, CONTACT:

CALICO
LIGHT WEAPON SYSTEMS
5405 SE Alexander St., Unit P
Hillsboro, OR 97123
Tel: (503) 649-3010 Fax: (503) 649-3831
www.calicolightweaponsystems.com

LIMITED WARRANTY

CALICO warrants this product only to the original purchaser at retail to be free from defective materials and workmanship from the date of original retail purchase for the period as shown below.

MODEL NO.	SERIAL NO.	PARTS	LABOR
CALICO M-900		90 Days	90 Days
CALICO M-950		90 Days	90 Days

WHAT IS COVERED: All parts which are defective in materials or workmanship, subject to the following;

1. Products which have been subjected to abuse, accident, alteration, modification, tampering, negligence, misuse, or if repaired or serviced by anyone other than a service facility authorized by CALICO to render such service, or if the model or serial number has been altered, tampered with,defaced, or removed.
2. Operational adjustments or procedures covered in the Owners Manual, if any.
3. Actual or alledged labor, transportaion, or other incidental charges.
4. Actual or alledged consequential damages incurred by us of this product.

WHO IS COVERED: The original purchaser, at retail.

WHAT WE WILL DO: CALICO, at its election, will repair or replace all defective parts free of charge that are covered by this limited warranty.

WHAT YOU MUST DO FOR WARRANTY SERVICE:

Box this product carefully, preferably in the original carton, and ship, insuured, with a copy of your bill of sale or credit-card charge receipt plus a letter of explanation of the problem to:

Attention: Repairs
5405 SE Alexander St., Unit P
Hillsboro, OR 97123
Tel: (503) 649·3010 Fax: (503) 649·3831
www.calicolightweaponsystems.com

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Some states do not allow the exclusion or limitation of incidental or consequential damges or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. The warranty gives you a specific legal rights which vary from state to state.

RETAIN THIS PART OF YOUR WARRANTY

CALICO IS DEDICATED TO THE SAFE
ENJOYMENT OF THE SHOOTING SPORTS.
WE ENCOURAGE ALL FIREARM
OWNERS TO BE SAFE
AND RESPONSIBLE, AND TO OBSERVE
ALL THE LAWS AND REGULATIONS
RELATING TO FIREARMS AND SHOOTING.

- REMEMBER -

SAFETY DEPENDS ON YOU.